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#10

Denise Ortega
Name

August 9, 2001
Date

Denise Ortega
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jan Zavada et al.
U.S. Serial No. : 09/807,949 Group Art Unit:
Int'l. App. No. : PCT/US99/24879
Int'l. Filing Date: October 22, 1999 Examiner:
Priority Date : October 23, 1998
For : MN Gene and Protein

SUBMISSION OF SUBSTITUTE SEQUENCE LISTING

Commissioner for Patents
Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231

Sir:

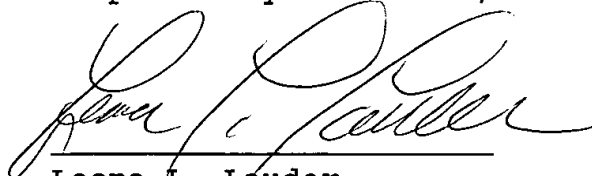
Applicants submit the enclosed substitute Sequence Listing of the nucleotide and amino acid sequences contained in the above-identified application. Also enclosed is a computer readable copy of the Sequence Listing. The nucleotide and amino

acid sequences are presented in a form which conforms with the requirements of 37 CFR Sections 1.821 through 1.825.

The additional information provided in the substitute Sequence Listing for SEQ ID NOS: 5, 58, 90, and 110 can be found at least at pages 17, lines 15-18, at page 19, lines 9-13, at page 22, lines 21-25, at page 25, line 10 to page 29, line 6 and in Figures 2A-2F, particularly at Figure 2A, line 1921, position (1974); for SEQ ID NO: 9 at page 24, lines 19-24; for SEQ ID NOS: 25 and 26 at page 41, lines 7-11; for SEQ ID NO: 58 at page 31, lines 5-10; for SEQ ID NO: 90, at page 32, line 21 to page 33, line 17; and for SEQ ID NO: 110, at page 33, lines 14-17.

The undersigned Attorney for the Applicants states that the contents of the substitute Sequence Listing and the computer readable form are the same and include no new matter in accordance with 37 CFR Sections 1.821(f), 1.821(g) and 1.825(b).

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Leona L. Lauder', written over a horizontal line.

Leona L. Lauder
Attorney for Applicants
Registration No. 30,863

Dated: August 9, 2001